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with an outer shell but not with a thermal liner and not with a liner including a moisture barrier.

FIGS. 5A, 5B, and 5C and FIGS. 6A, 6B, and 6C are fragmentary, sectional, exploded, views of the protective garment of FIG. 1A, wherein the liners are attached detachably to the outer shell by zippers, hook-and-loop fasteners, and snap fasteners respectively.

#### DETAILED DESCRIPTION OF THE ILLUSTRATED EMBODIMENTS

As illustrated in FIG. 1A, a protective garment comprising an outer shell 10, a thermal liner 20, and a separate liner 30 is configured so as to be particularly suited for a firefighter fighting a structural fire. The outer shell 10 is woven from fibers, e.g. Kevlar™ fibers, which provide abrasion resistance and puncture resistance. The thermal liner 20 has a fibrous matrix 22, which is disposed between an inner cover 24 and an outer cover 26. The covers 24, 26, may be woven or non-woven and are quilted so as to segregate discrete regions of the fibrous matrix 22.

The separate liner 30, which is interposed between the outer shell 10 and the thermal liner 20, has a fabric matrix 32 and a moisture barrier 34, e.g. a neoprene layer, which is laminated to the fabric matrix 32, on an outer surface 36 of the fabric matrix 32. The outer surface 36 faces the outer shell 10. An inner surface 38 of the fabric matrix 32 faces the outer cover 26 of the thermal liner 20.

As illustrated in FIG. 1B, a liner 30a including a moisture barrier 34a is substituted for the liner 30 in the protective garment. The liner 30a has a fabric matrix 32a, which is similar to the fabric matrix 32 of the liner 30, which has an outer surface 36a facing the outer shell 10, and on an inner surface 38a of which the moisture barrier 34a, e.g. a Breathe Tex™ layer, is coated.

As illustrated in FIG. 2, the protective garment is configured so as to be particularly suited for a firefighter engaging in a technical rescue. As compared to the protective garment in its configuration illustrated in FIG. 1A, the thermal liner 20 is omitted, whereas the liner 30 including the moisture barrier 34 is included. In an alternative embodiment, which is not illustrated, the liner 30a including the moisture barrier 34a is substituted for the liner 30 including the moisture barrier 34.

As illustrated in FIG. 3, the protective garment is configured so as to be particularly suited for a firefighter fighting a wildland fire under cold winter conditions. As compared to the protective garment in its configuration illustrated in FIG. 1A, the liner 30 including the moisture barrier 32 is omitted, whereas the thermal liner 20 is included. In an alternative embodiment, which is not illustrated, the protective garment has two thermal liners, each similar to the thermal liner 20 and each attached similarly to the outer shell 10, whereby the protective garment is configured so as to be particularly suited for a firefighter fighting a wildland fire under severely cold conditions. As illustrated in FIG. 4, the thermal liner 20 can be also omitted, whereby the protective garment is configured so as to be particularly suited for a firefighter fighting a wildland fire under comparatively warmer conditions.

In FIG. 5A, zippers 40 are used to attach the liner 30 including the moisture barrier 34 detachably to the outer shell 10 and to attach the thermal liner 20 detachably to the

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liner 30 including the moisture barrier 34, whereby the thermal liner 20 is considered to be detachably, albeit indirectly, to the outer shell 10. In FIG. 5B, hook-and-loop fasteners (e.g. VELCRO™ fasteners) are used where zippers 40 are used in FIG. 5A. In FIG. 5C, snap fasteners 60 are used where zippers 40 are used in FIG. 5A.

In FIG. 6A, zippers 40 are used to the liner 30 including the moisture barrier 34 detachably to the outer shell 10 and to attach the thermal liner 20 detachably, here directly, to the outer shell 10. In FIG. 6B, hook-and-loop fasteners (e.g. VELCRO™ fasteners) are used where zippers 40 are used in FIG. 6A. In FIG. 6C, snap fasteners 60 are used where zippers 40 are used in FIG. 6A.

Because the liner including the moisture barrier is detachable from the outer shell, apart from the outer shell and apart from the thermal liner, the liner including the moisture barrier can be easily replaced, if the moisture barrier fails while the outer shell and the thermal liner remain useful.

#### What is claim is:

1. A protective garment comprising an outer shell and two liners, each said liner being attached to and within the outer shell by means permitting said same liner to be detached from the outer shell while permitting but not requiring the other liner to be detached from the outer shell, so that the garment is selectively configured, with either one of said liners so attached, or with both said liners so attached.

2. A protective garment comprising an outer shell, a thermal liner, and a separate liner, which includes a moisture barrier, each said liner being attached to and within the outer shell by means permitting said same liner to be detached from the outer shell while permitting but not requiring the other liner to be detached from the outer shell, so that the garment is selectively configured, with one said liner so attached, or with both said liners so attached.

3. A protective garment comprising an outer shell, which provides abrasion resistance, puncture resistance, or both, a thermal liner, and a separate liner, which includes a moisture barrier, each said liner being attached to and within the outer shell by means permitting said same liner to be detached from the outer shell while permitting but not requiring the other liner to be detached from the outer shell, so that the garment is selectively configured, with one said liner so attached, or with both said liners so attached.

4. A protective garment that can be selectively configured so as to be particularly suited for a firefighter fighting a wildland fire, for a firefighter fighting a structural fire, or for a worker engaging in a technical rescue, the garment comprising an outer shell, which provides abrasion resistance, puncture resistance, or both, a thermal liner, and a separate liner, which includes a moisture barrier, each said liner being attached to and within the outer shell by means permitting said same liner to be detached from the outer shell while permitting but not requiring the other liner to be detached from the outer shell, so that the garment is selectively configured with the thermal liner so attached, so as to be particularly suited for a firefighter fighting a wildland fire, with both said liners so attached, so as to be particularly suited for a firefighter fighting a structural fire, or with the separate liner including the moisture barrier so attached, so as to be particularly suited for a firefighter engaging in a technical rescue.

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5. (new) A protective garment comprising an outer shell and two liners, each said liner being attached within the outer shell and being detachable from within the outer shell while permitting but not requiring the other liner to be detached from within the outer shell, so that the garment is selectively configured, with either one of said liners so attached, or with both said liners so attached.